

PROJECT NUMBER: 2305  
PROJECT TITLE: Flavor Development-Brand Modification-Menthol/Distinctive  
PROJECT LEADER: H. M. Maxwell  
PERIOD COVERED: October, 1988

I. ALTERNATIVE FLAVORS:

- A. Objective: To identify and qualify alternative sources for flavoring materials.
- B. Status: POL testing of alternative Jonex is in progress. Cigarettes for a replicate test were remade and approved for testing.
- C. Plans:

POL Results For Alternative      October, 1988  
Jonex (Merit 85)

Replicate POL Results              November, 1988

II. PROJECT MOOG:

- A. Objective: To develop the expertise to produce cigarettes that are subjectively equivalent to Salem, Newport and Koal.
- B. Status: A K-type POL test will be made when Semi-works scheduling permits. Two S-type models were made and will be evaluated if analytically acceptable. A POL test of N-type cigarettes versus Newport is in testing.
- C. Plans:

S-Type Flavor                      October, 1988  
Development

N-type POL Results                November, 1988

III. MENTHOL RELEASE COMPOUND:

- A. Objective: To develop a mentholated charcoal filtered cigarette utilizing a menthol release compound. Also, to apply menthol release technology to other areas.
- B. Status: The Foam Bound Rod group is continuing to investigate problems of MGC application. Poly menthol isopropenyl carbonate was extruded on the "DL" blend at levels up to 10% level. Evaluation is in progress. Samples of the anethole/menthol release compound were requested for further product development studies. These samples will not be available until Phase II clearance is obtained.
- C. Plans:

Cigarette Remake (MGC)

To be scheduled

IV. ALTERNATE HUMECTANT PROGRAM:

A. Objective: To develop the capability to produce cigarettes that are propylene glycol and glycerin free, while maintaining product subjective integrity.

B. Status: Efforts of this program were shifted to development of a PG/G-free acceptable cigarette. Two POL tests will be run to confirm subjective acceptability.

C. Plans:

PG/G-free POL's

To Be Scheduled

V. PROJECT GRAIN:

A. Objective: To significantly reduce alcohol levels in PM flavor systems, while maintaining product subjective integrity.

B. Status: POL testing is on hold. Aftercuts prepared at Twentieth Street to investigate low anethole levels have not resolved that problem. Further investigations will be conducted.

C. Plans:Cigarette Production  
for Internal Testing

To Be Scheduled

Resolution of low  
Anethole

November, 1988

VI. CASING STUDY:

A. Objective: To determine the effect of prolonged heating on burley spray and its ingredients, block chocolate and block licorice.

B. Status: Analyses of the condensates from the one-liter 24-hour trials indicate that insufficient quantities were collected. Further trials with twelve liter quantities will be run.

C. Plans:

Complete trial runs to further define scope and duration of study.